



CONSTRUCTION EQUIPMENT

WASTE CONNECTIONS VOLVO L35GS 3424291 - FRONT AXLE



Sample No: VCP439869
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: WASTE CONNECTIONS



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SAMPLE INFORMATION

Sample Number	VCP439869	VCP429652	---	---
Sample Date	03 Jul 2024	18 Dec 2023	---	---
Machine Hours	13683	12495	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	ATTENTION	---	---



OIL CONDITION

Visc @ 40°C	cSt	314	231	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	9	---	---
Sodium	ppm	0	<1	---	---
Potassium	ppm	<1	<1	---	---



WEAR METALS

Iron	ppm	50	46	---	---
Copper	ppm	2	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	3	6	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	94	261	---	---
Magnesium	ppm	16	63	---	---
Zinc	ppm	64	172	---	---
Phosphorus	ppm	1076	1109	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	170	140	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 11124069
Signed: Sean Felton
Report Date: 15 Jul 2024



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GRAPHS

